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I, Elea Brewer, hereby certify that the below identified application and attached documents, pursuant to 37 C.F.R. §1.10, are being deposited as "Express Mail" this date with the United States Postal service in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

Date: February 4, 2004

By

Elea Brewer

Signature of person depositing Express Mail

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No.: 23438.00001

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**NEW UTILITY PATENT APPLICATION**

Commissioner:

Herewith is the utility patent application of Applicant:

Paul V. Cooper

TITLE: MOLTEN METAL PUMP COMPONENTS

**Including:**

- ☐ Declaration
- ☒ Abstract
- 14 Pages of Specification (only specification and claims)
- 37 Numbered claims(s)
- 14 Sheets of drawing: ☒ informal ☐ formal
- ☐ This is a filing under 37 C.F.R. §1.47 (Petition attached)
- ☐ Attached: Information Disclosure Statement pursuant to 37 C.F.R. §§1.97-1.99
- ☐ Attached: Form PTO No. 1449, with cited reference
- ☐ Attached is an Assignment to \_\_\_\_\_
- ☐ Attached: Assignment Recordation Cover Sheet
- ☒ Applicant asserts "small entity" status under 37 C.F.R. §§1.9 and 1.27
- ☐ Priority is hereby claimed under 37 C.F.R. §1.55 and 35 U.S.C. §119 based on prior U.S. Provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_.
- ☒ THIS APPLICATION IS BEING FILED WITHOUT AN OATH OR DECLARATION, CHECK FOR FILING FEE, OR AN ASSIGNMENT BECAUSE THE INVENTOR IS TEMPORARILY UNAVAILABLE; THEREFORE, ISSUANCE OF A NOTICE TO FILE MISSING PARTS IS RESPECTFULLY SOLICITED.

**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED**  
**Per MPEP §§ 506 AND 607**

	Claims filed		Basic claims		Present Extra		Fees
Basic Fee:							\$770.00
Total Effective Claims	37	minus	20	=	17	X \$ 18.00 =	\$306.00
Independent Claims	7	minus	3	=	4	X \$ 86.00	\$344.00
						Subtotal =	\$1420.00
If "Applicant asserts "small entity" status under 37 C.F.R. §§1.9 and 1.27." status box above is checked, enter half (1/2) of Subtotal and subtract							\$710.00
TOTAL FILING FEE							= \$710.00
If "assignment" box is checked, add recording fee:						+ \$ 40.00	\$0.00
If "37 C.F.R. §1.47" box above is checked, add Petition fee (per 37 C.F.R. §1.17(h)):						+ \$130.00	
TOTAL FEE							= \$710.00

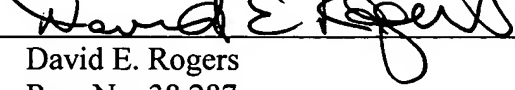
[ ] A check in the amount of \$\_\_\_\_\_ is enclosed.

[ ] Please charge Deposit Account No. 19-3878 in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is attached.

This statement does NOT authorize charge of the issue fee. The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (deficiency only) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-3878 for which purpose a duplicate copy of this sheet is attached.

Respectfully submitted,

Date: February 4, 2004

By   
David E. Rogers  
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